

MULTI SIDED DISPLAY FOR
PORTABLE COMPUTER

ABSTRACT OF THE DISCLOSURE

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The present invention provides a display apparatus for providing multi-sided viewing functionality to a portable computer system. In one embodiment, the present invention is comprised of a front cover. The front cover is electrically and mechanically coupled to the palmtop computer. In the present embodiment, a first display component is disposed on the front cover. The first display

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component further includes a front display panel and a rear display panel. In the present embodiment, a second display component is coupled to the portable computer system. Furthermore, in the present invention, a display control circuit is included in the portable computer system. The display control circuit is

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adapted to activate the front display panel of the first display component. The display control circuit is further adapted to deactivate the front display panel of the first display component and activate the rear display panel of the first display component and activate the front display panel of the second display component.

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The display control circuit is further adapted to deactivate the front display panel and activate the rear display panel of the second display component and activate a the third display component, provided the third display component is present and coupled to the portable computer. In the present embodiment, electric ink technology is used in the formation of the two sided display components. The display control circuit is further adapted to activate and deactivate the display

25 components in direct response to the orientation of the front cover.